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BIOH 108.01: Basic Anatomy

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Loree, Kins W., "BIOH 108.01: Basic Anatomy" (2015). *Syllabi*. 2869.

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THE UNIVERSITY OF MONTANA

MISSOULA COLLEGE

COURSE: BIO H-108, Basic Anatomy
SEMESTER: Spring 2015
SEMESTER CREDITS: 3
FACULTY: Kins Loree
E-MAIL: Kins.Loree@umontana.edu
OFFICE LOCATION: HB 02
OFFICE HOURS: [By appointment](#)

COURSE DESCRIPTION: This course provides an introduction to human anatomy and basic physiology. Included are fundamental overviews of: biology, chemistry, physics, and genetic processes, as they pertain to the human body. This course serves as a primer for students who are seeking to develop a foundational understanding of these objectives, prior to enrolling in Anatomy and Physiology I & II (i.e. Bio 201 and Bio 211). Students pursuing degrees or certificates, in the certain health-related professions, also benefit from the knowledge and skills provided by this introductory course.

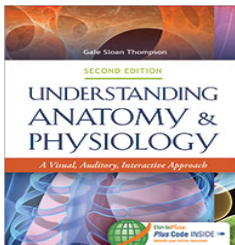
COURSE OBJECTIVES: Upon completion of the course the successful student will, by written tests, be able to:

1. Spell and define associated terminology.
2. Understand fundamental sciences and how they integrate into the study of the human body.
3. Identify anatomical structures and landmarks on the human body.
4. Understand the different bodily systems and their various functions.
5. Explain the form/function relationship and how it relates to the human body.

CLASS MEETING TIMES: 4:10 PM - 5:30 PM Mondays & Wednesdays

LOCATION: HB 13

REQUIRED TEXTS: "Understanding Anatomy & Physiology. A Visual, Auditory, Interactive Approach." Gale Sloan Thompson. Second Edition



GRADING:

Earning Credit: The grade for the course is determined by written assessments: a combination of chapter specific workbook assignments, and written examinations. There are a total of 15 workbook assignments, 2 each mid-term exams and a final exam. Students must complete the assigned 15 each chapters of Workbook assignments (due upon request without notice), worth a total of **50 points**. The 2 each Mid-term Exams are worth 50 points each, for a total of **100 points**; and the Final Exam is worth **100 points**.

This offers a possible **total of 250 points**. Final grade/scoring for the course is solely based upon the student's percentage of these possible 250 points. The student must have 149 points (60%) minimum to pass the course.

Extra Credit: For students satisfying this criteria to pass the course, extra credit is available by submitting the extra 5 assigned chapters of Workbook for an additional 5 points for every chapter (another possible **25 points**). Extra credit may not pass a failing student.

Final Grade/Scoring

A = 90-100%

B = 80-89.4%

C = 70-79.4%

D = 60-69.4%

F = 0-59.4%

Point Breakdown

Assignments = 50 points

2 Mid-Term Exams = 100 Points

Final Exam = 100 points

Total Possible = 250 points

ATTENDANCE and MAKE-UPS:

Attending all classes is critical to learning the course material; therefore, they are best attended without missing any. Students must contact the instructor (using UM email) in advance of any absence to discuss the academic consequences. Students are also required to take the mid-term & final exams during the scheduled time, unless pre-arranged with instructor's approval. All make-ups must be satisfied within one week of absence.

ACADEMIC CONDUCT:

All students must practice academic honesty. Academic misconduct is subject to academic penalty by disciplinary sanction from the University of Montana. All students need to be familiar with the Student Conduct Code. The Code is available online at:

<http://www.umt.edu/SA/VPsA/index.cfm/page/1321>

STUDENTS WITH DISABILITIES:

Students with disabilities may request reasonable modifications by contacting your instructor. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students (DSS). "Reasonable" means the University permits no fundamental alterations of academic standards or retroactive modifications. For more information, please consult

<http://www.umt.edu/disability>.

COURSE OUTLINE:

This outline is tentative and subject to change at any time.

Week of:	Chapter/Topic
January 22 nd & January 28 th	1 : Orientation of the Human Body 2 : Chemistry of Life
February 2 nd & February 4 th	2 : Chemistry of Life 3 : Cellular Level
February 10 th & February 12 th	3 : Cellular Level & Mitosis 4 : Tissue Level
February 18th	Exam 1
February 23 rd & February 25 th	Chapter 5 : Integumentary System
March 2 nd & March 4 th	6 : Bones & Bone Tissue 7 : Skeletal System
March 9 th & March 11 th	7 : Skeletal System 8 : Joints
March 16 th & March 18 th	Chapter 9 : Muscle Cells and Tissues
March 23 rd & March 25 th	Chapter 9 : Muscular System
March 27 th & April 6 th April 8th	Chapter 9 : Muscular System Exam 2
April 13 th & April 15 th	Chapter 10 : Nerve Cells & System
April 20 th & April 22 nd	Chapter 10 : Nervous System Chapter 12 : Endocrine System
April 27 th & April 29 th	Chapter 13 : Cardiovascular: Blood Chapter 14 : Heart
May 4 th & May 6 th	Chapter 15 : Blood Vessels & Circulation Chapter 16 : Lymphatic
May 13th, Wednesday	Final Exam: 3:20 PM - 5:20 PM